



IFW16

RAW SEQUENCE LISTING

DATE: 09/30/2004

PATENT APPLICATION: US/09/996,357A

TIME: 10:55:06

Input Set : A:\SEQLISTCORR.txt

Output Set : N:\CRF4\09302004\I996357A.raw

3 <110> APPLICANT: Gefter, Malcolm L
 4 Isreal, David I
 5 Joyal, John L
 6 Gosselin, Michael
 8 <120> TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR
 9 TREATING AN AMYLOIDOGENIC DISEASE
 11 <130> FILE REFERENCE: PPI-105
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/996,357A
 14 <141> CURRENT FILING DATE: 2001-11-27
 16 <150> PRIOR APPLICATION NUMBER: 60/253,302
 17 <151> PRIOR FILING DATE: 2000-11-27
 19 <150> PRIOR APPLICATION NUMBER: 60/250,198
 20 <151> PRIOR FILING DATE: 2000-11-29
 22 <150> PRIOR APPLICATION NUMBER: 60/257,186
 23 <151> PRIOR FILING DATE: 2000-12-20
 25 <160> NUMBER OF SEQ ID NOS: 46
 27 <170> SOFTWARE: PatentIn Ver. 2.0
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 43
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Homo sapiens
 34 <400> SEQUENCE: 1
 35 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
 36 1 5 10 15
 38 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
 39 20 25 30
 41 Gly Leu Met Val Gly Gly Val Val Ile Ala Thr
 42 35 40
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 4
 47 <212> TYPE: PRT
 48 <213> ORGANISM: Homo sapiens
 50 <400> SEQUENCE: 2
 51 Leu Val Phe Phe
 52 1
 55 <210> SEQ ID NO: 3
 56 <211> LENGTH: 5
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Homo sapiens
 60 <400> SEQUENCE: 3
 61 Leu Val Phe Phe Ala
 62 1 5
 65 <210> SEQ ID NO: 4



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66 <211> LENGTH: 8
67 <212> TYPE: PRT
68 <213> ORGANISM: Homo sapiens
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75 <210> SEQ ID NO: 5
76 <211> LENGTH: 5
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 5
81 Ala Ile Leu Ser Ser
82   1           5
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86 <211> LENGTH: 36
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence:primers
93 <400> SEQUENCE: 6
94 ctggttccgc gtggatccgt gcccagggat tgtggg          36
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 33
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence:primers
104 <400> SEQUENCE: 7
105 attaagcatt ctagatcatt taccaggaga gtg          33
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 22
109 <212> TYPE: PRT
110 <213> ORGANISM: Homo sapiens
112 <400> SEQUENCE: 8
113 Met Asp Ala Met Lys Arg Gly Leu Cys Cys Val Leu Leu Leu Cys Gly
114   1           5           10           15
116 Ala Val Phe Val Ser Pro
117           20
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 15
122 <212> TYPE: PRT
123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 9
126 Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala
127   1           5           10           15
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131 <211> LENGTH: 232
132 <212> TYPE: PRT
133 <213> ORGANISM: Homo sapiens

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135 <400> SEQUENCE: 10

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136 Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala
137   1           5           10           15
139 Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro
140           20           25           30
142 Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val
143           35           40           45
145 Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val
146           50           55           60
148 Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
149           65           70           75           80
151 Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln
152           85           90           95
154 Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala
155           100          105          110
157 Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro
158           115          120          125
160 Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr
161           130          135          140
163 Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser
164           145          150          155          160
166 Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr
167           165          170          175
169 Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr
170           180          185          190
172 Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe
173           195          200          205
175 Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys
176           210          215          220
178 Ser Leu Ser Leu Ser Pro Gly Lys
179           225          230

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182 <210> SEQ ID NO: 11

183 <211> LENGTH: 804

184 <212> TYPE: DNA

185 <213> ORGANISM: Artificial Sequence

187 <220> FEATURE:

188 <223> OTHER INFORMATION: Description of Artificial Sequence:alpha-beta(16-30)Fc

190 <400> SEQUENCE: 11

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191 atggatgcaa tgaagagagg gctctgctgt gtgctgctgc tgtgtggagc agtcttcggt 60
192 aagcttgat tcttcgcaga agacgtcgga tcgaacaaag gtgccgagcc caaatcttgt 120
193 gacaaaactc acacatgccc accgtgcccga gcacctgaac tcctggggggg accgtcagtc 180
194 ttcctcttcc ccccaaaacc caaggacacc ctcatgatat cccggacccc tgaggtcaca 240
195 tgcgtggttg tggacgtgag ccacgaagac cctgaggtca agttcaactg gtacgtggac 300
196 ggcgtggagg tgcataatgc caagacaaag ccgcgggagg agcagtacaa cagcagtcac 360
197 cggttggtca gcgtcctcac cgtcctgcac caggactggc tgaatggcaa ggagtacaag 420
198 tgcaaggtct ccaacaaagc cctccagacc cccatcgaga aaaccatctc caaagccaaa 480
199 gggcagcccc gagaaccaca ggtgtacacc ctgcccccat cccgggatga gctgaccaag 540
200 aaccaggtca gcctgacctg cctggtcaaa ggcttctatc ccagcgacat cgccgtggag 600
201 tgggagagca atgggcagcc ggagaacaac tacaagacca cgcctcccggt gctggactcc 660

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202 gacggctcct tcttctcta cagcaagctc accgtggaca agagcaggtg gcagcagggg 720
203 aacgtcttct catgtccgt gatgcatgag gctctgcaca accactacac gcagaagagc 780
204 ctctccctgt ctccgggtaa atga 804
206 <210> SEQ ID NO: 12
207 <211> LENGTH: 267
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence:alpha-beta(16-30)Fc
214 <400> SEQUENCE: 12
215 Met Asp Ala Met Lys Arg Gly Leu Cys Cys Val Leu Leu Leu Cys Gly
216 1 5 10 15
218 Ala Val Phe Val Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn
219 20 25 30
221 Lys Gly Ala Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro
222 35 40 45
224 Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro
225 50 55 60
227 Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr
228 65 70 75 80
230 Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn
231 85 90 95
233 Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg
234 100 105 110
236 Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val
237 115 120 125
239 Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser
240 130 135 140
242 Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys
243 145 150 155 160
245 Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
246 165 170 175
248 Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe
249 180 185 190
251 Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu
252 195 200 205
254 Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe
255 210 215 220
257 Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly
258 225 230 235 240
260 Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
261 245 250 255
263 Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
264 260 265
267 <210> SEQ ID NO: 13
268 <211> LENGTH: 247
269 <212> TYPE: PRT
270 <213> ORGANISM: Homo sapiens
272 <400> SEQUENCE: 13

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273 Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Glu
274 1 5 10 15
276 Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro
277 20 25 30
279 Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys
280 35 40 45
282 Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val
283 50 55 60
285 Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp
286 65 70 75 80
288 Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr
289 85 90 95
291 Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp
292 100 105 110
294 Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu
295 115 120 125
297 Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg
298 130 135 140
300 Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys
301 145 150 155 160
303 Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp
304 165 170 175
306 Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys
307 180 185 190
309 Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser
310 195 200 205
312 Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser
313 210 215 220
315 Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser
316 225 230 235 240
318 Leu Ser Leu Ser Pro Gly Lys
319 245
323 <210> SEQ ID NO: 14
324 <211> LENGTH: 21
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Synthetic construct
331 <400> SEQUENCE: 14
332 cgcgcttcag aagaactagt g 21
334 <210> SEQ ID NO: 15
335 <211> LENGTH: 21
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Synthetic construct
342 <400> SEQUENCE: 15
343 gatccactag ttcttctgaa g 21
345 <210> SEQ ID NO: 16

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VERIFICATION SUMMARY

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Input Set : A:\SEQLISTCORR.txt

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L:454 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:457 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25